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PROGRESS REPORT NO. 10

FIELD SERVICE AND SUPPORT

1 NOVEMBER THROUGH 30 NOVEMBER 1959

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ABSTRACT.

This report describes the Field Service and Support Activities for Customers A, C, and D for the period 1 November through 30 November 1959. The activities covered in this report are divided into three main categories: Contract A-101, Contract A-102, and Contract HF-CT-699. Described in each main category is the work that was accomplished during this reporting period.

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I. CONTRACT A-101.

The Flight Test Report for System 4, Serial Number 102, covering the flight tests conducted during the period 22 June through 14 August 1959, was completed and submitted to Customer A during this reporting period. Noise studies which began under Contract A-101 will be continued under Contract A-102.

System 4, Serial Number 102 was delivered to Customer C on 18 November 1959.

II. CONTRACT A-102.

A. GENERAL.

During this month Customer C Depot requested that the Contractor change all subsequent Field Service Bulletins to include only that information concerning Customer C equipment. Action has been taken to change the Field Service Bulletins for all customers, so that future bulletins will have only that information pertinent to the appropriate customer.

A continuing activity, and a part of the Contract A-102 task, has been the day-to-day engineering liaison, administration, and project control of Contracts A-101, A-102, A-103, A-104, [REDACTED] and HF-CT-699.

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B. CUSTOMER A.

1. SUSTAINING ENGINEERING.

Three (3) Field Service Bulletins and one (1) Technical Information Bulletin were prepared for Customer A.

See Attachment 1 for a tabulation of all Field Service Bulletins prepared during this reporting period.

These Field Service Bulletins, listed in Attachment 1, are being prepared as a result of Customer A's request for information concerning the feasibility of operating Systems 1, 3, and 6 on 315-440 cps primary power. During the preparatory analysis it was found that System 1 input power transformers would operate over the desired frequency range, but Systems 3 and 6 input power transformers required modification. Field Service Bulletins 3-17, 6-14, and S603-3 describe the installation of the replacement input power transformers that will give satisfactory results over the desired frequency range. Production Lists have been received and modification kits will be available at the Customer's Depot by 7 December 1959.

An Engineering Change Proposal and Field Service Bulletin, containing the description of a modification to the Auxiliary-Data Display Equipment, Display Unit, MP-12363, (M-Rack), were initiated but not completed during November. The modification consists of replacing two unmarked knobs on the face of the Display Unit with vernier dials.

Preliminary investigation for an Engineering Study for the redesign of System 3 encapsulated assemblies Z701 and Z703 was performed during this reporting period. The Engineering Study will be submitted in December.

Investigation started during November for the preparation of an Engineering Change Proposal to improve the operation of the System 3 Frequency Indicator Equipment, MF-10827, (E Rack).

2. REPAIR AND RETROFIT.

The Repair and Retrofit Inventory for November is shown in Attachment 2.

A total of 110 surplus items, many of which were cable assemblies, previously in the Contractor's stores were cataloged and shipped to the Customer's Supply Depot.

The equipment in the J Rack mentioned in the previous report (Ref: Progress Report No. 9, October 1959) has been salvaged and will be returned to Customer A in December.

C. CUSTOMER C.

1. SUSTAINING ENGINEERING.

There were no Field Service Bulletins, applicable to Customer C, completed during November 1959. However, the ECP and Field Service Bulletin describing the M Rack modification and the Engineering Study describing the Z701 and Z703 capsule redesign, mentioned under Customer A, Sustaining Engineering (Paragraph B.1.), also apply to Customer C equipment.

A correcting reply for UR-898 was submitted during November. A report is attached showing laboratory findings that substantiate the Contractor's opinion that a modification

is unnecessary and undesirable. (Ref: Progress Report
No. 9, October 1959.)

2. REPAIR AND RETROFIT.

The Repair and Retrofit Inventory for November is shown
in Attachment 2.

D. CUSTOMER D.

1. SUSTAINING ENGINEERING.

25X1D There were no [REDACTED] Field Service Bulletins published
during the reporting period.

2. CONTRACT [REDACTED]

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Work continued during November on the HH and JJ Equipment
List for Customer D. Most items will be shipped in December.
The remaining items will be shipped in January 1960, contingent
upon the Contractor's receipt of vendor supplied parts.

III. CONTRACT HF-CT-699.

During this reporting period the Contractor received 6 Production Lists
containing 10 Line Items from Customer A and 4 Production Lists containing
13 Line Items from Customer C.

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Attachment 1.

Field Service Bulletins Completed During November 1959

Customer	FSB No.	System	Unit	Description
A	3-17	3	Receiver, MP-11048	
A	6-14	6	<div style="background-color: black; width: 100px; height: 1em;"></div> Power Supply, MP-12434	Replacement Trans- formers to extend input power fre- quency range to 315-440 cps.
A	8603-3	6	Dual Channel Amp., MP-11567	

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Attachment 2.

Repair and Retrofit Inventory for November 1959

Customer	Rework Units Outstanding on 1 Nov 1959	During November			Rework Units Backlog on 30 Nov 1959
		Units Rec'd	Units Shipped	Units Non- reparable	
A	153	41	41	34	119
C	29	9	15	2	21
D	0	0	0	0	0

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